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U.S. Department of the Interior • U.S. Geological Survey

# MINERAL INDUSTRY SURVEYS

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## DIRECTORY OF COMPANIES MINING SPECIALTY CLAYS IN THE UNITED STATES IN 1995

An estimated 284 companies operated 823 clay pits in 44 States and Puerto Rico. The 10 leading producer States, in descending order, were Georgia, Wyoming, Alabama, Texas, North Carolina, Ohio, California, South Carolina, Missouri, and Tennessee.

The amount of clay sold or used by domestic producers in 1995 was 43.1 million metric tons valued at \$1.73 billion. Production of ball clay was 993,000 tons; bentonite, 3,820,000 tons; common clay and shale, 25,600,000 tons; fire clay, 583,000 tons; fuller's earth, 2,640,000 tons; and kaolin, 9,480,000 tons.

The major producing States for the various clay types were: ball clay, Tennessee with 67% of domestic production; bentonite, Wyoming with 77% of domestic production; common clay and shale, North Carolina with 9% of domestic production; fire clay, Missouri with 62% of domestic production; fuller's

earth, Georgia with 28% of domestic production; and kaolin, Georgia with 87% of domestic production. Common clays accounted for 59% of the tonnage sold or used in 1995 while kaolin accounted for 64% of the value of clays produced in 1995.

Major domestic markets for the clays were floor and wall tile and sanitaryware for ball clay (28% and 24%, respectively); foundry sand (22%), pelletizing (19%), drilling mud (18%), and pet waste absorbent (17%) for bentonite; brick (44%) for common clay and shale; refractories (69%) for fire clay; pet waste absorbents (62%) for fuller's earth; and paper coating and filling (52%) for kaolin.

Imports of clays decreased to 35,000 tons. Kaolin and artificially activated bentonite accounted for 34% and 43% of the imports. Exports increased to 4.68 million tons. Kaolin accounted for 69% of the exports.

# Ball Clay Producers, by State

State and Company	County
Indiana	
United Clays Inc.	Dubois
Kentucky	
Kentucky-Tennessee Clay Co.	Carlisle, Graves
Old Hickory Clay Co.	Graves
Mississippi	
Kentucky-Tennessee Clay Co.	Panola
Tennessee	
Kentucky-Tennessee Clay Co.	Carroll, Gibson, Henry, Weakley
Old Hickory Clay Co.	Henry, Weakley
H.C. Spinks Clay Co. Inc.	Carroll, Henry, Weakley
United Clays of Texas Inc.	Carroll, Weakley
Texas	
United Clays of Texas Inc.	Cherokee

# Bentonite Producers, by State and Type

State and Company	County
Alabama	
American Colloid Co.	Lowndes
Arizona	
Engelhard Corp.	Apache
United Catalysts Inc.	Apache
California	
* Baroid Drilling Fluids Inc.	San Bernardino
* Pfizer Inc.	Inyo
Southern Clay (Lowe E. Industry Inc.)	Kern
* R.T. Vanderbilt Co. Inc.	Inyo
Wilbur-Ellis Co.	San Benito
Colorado	
First Bentonite	Fremont
Mississippi	
American Colloid Co.	Monroe
Engelhard Corp.	Monroe
International Mineral and Chemical Corp.	Monroe
Montana	
* American Colloid Co.	Carbon, Carter
* Bentonite Corp.	Carter
Nevada	
American Colloid Co.	Esmeralda
* Floridan Co.	Nye
* R.T. Vanderbilt Co. Inc.	Esmeralda, Nye, Pershing
Oregon	
* Central Oregon Bentonite Co.	Crook
Evergreen Bentonite Inc.	Crook
* Teague Mineral Products Co.	Malheur
Texas	
Milwhite Co. Inc.	Fayette
Southern Clay Products Inc.	Gonzales
Utah	
* Redmond Clay and Salt Co. Inc.	Sanpete
* Western Clay Co.	Sevier
Wyoming	
* American Colloid Co.	Big Horn, Weston
* Baroid Drilling Fluids Inc.	Crook
* Bentonite Corp.	Crook
* Black Hills Bentonite	Johnson, Natrona, Washakie
* M-I Drilling Fluids Inc.	Big Horn, Washakie
* Wyo-Ben Inc.	Big Horn, Hot Springs

\*Asterisk indicates producer of swelling bentonite.

# Fire Clay Producers, by State

State and Company	County
Alabama	
Alabama Refractory Specialties Inc.	Shelby
Donoho Clay Co.	Calhoun
Riverside Clay Co.	St. Clair
Arkansas	
National Refractories and Minerals Corp.	Pulaski
California	
Lincoln Clay Products Co.	Placer
Missouri	
Christy Minerals	Audrain, Montgomery
A.P. Green Industries Inc.	Audrain, Callaway, Gasconade, Maries, Montgomery
North American Refractories Co.	Audrain
Harbison-Walker Refractories Co.	Callaway, Montgomery, Warren
Wellsville Firebrick Co.	Montgomery
Montana	
Harold Snow	Deere Lodge
New Mexico	
Mathis & Mathis	Luna
Ohio	
Belville Mining Co. Inc.	Lawrence
Blue Jay Enterprises of Tuscarawas	Tuscarawas
Ceder Heights Clay Co.	Jackson
Holmes Limestone Co.	Holmes
Kimble Coal Co.	Tuscarawas
Waterloo Coal Co. Inc.	Jackson
South Carolina	
Southern Brick Co.	Greenwood

Fuller's Earth Producers, by State and Type

State and Company	County
California	
Ralston Purina Co.	Kern
* A & M Products Co.	Kern
Florida	
* Engelhard Corp.	Brevard
* Floridin Co.	Gadsden
Mid-Florida Mining Co.	Marion
Georgia	
* Engelhard Corp.	Decatur
Floridin Co.	Thomas
Georgia-Tennessee Mining and Chemical Co.	Jefferson
Medusa Aggregates Co.	Houston
* Milwhite Inc.	Decatur
* Oil Dri Corp.	Thomas
* Waverly Minerals Products Co.	Thomas
Illinois	
American Colloid Co.	Pulaski
Ralston Purina Co.	Pulaski
Kansas	
Micro-lite Inc.	Wilson
Mississippi	
Applied Industrial Materials Corp.	Tippah
Blue Mountain Product Co.	Tippah
Oil Dri Corp. of Georgia	Tippah
Missouri	
Ralston Purina Co.	Stoddard
Nevada	
IMV Division of Floridin Co. (Sepiolite)	Nye
Tennessee	
American Colloid Co.	Henry
Molthan Minerals	Hardeman
Texas	
Balcones Minerals Corp.	Fayette
Milwhite Inc.	Fayette
Virginia	
Bennett Mineral Co.	King and Queen

\*Asterisk indicates producer of attapulgite.

# Kaolin Producers, by State

State and Company	County
Alabama	
C-E Minerals Inc.	Barbour
Harbison-Walker Refractories Co.	Barbour, Henry
Arkansas	
A. P. Green Industries Inc.	Pulaski
Geo-Specialty Chemicals Co.	Pulaski
California	
North American Refractories Co.	Amador
Standard Industrial Minerals Inc.	Inyo, Mono
Colorado	
A. P. Green Industries Inc.	Pueblo
Florida	
The Feldspar Corp.	Putnam
Georgia	
Albion Kaolin Co.	Richmond
American Cyanamid Co.	Sumter
Brown Trucking Co.	Wilkinson
C-E Minerals Inc.	Sumter
Dry Branch Kaolin Co.	Twiggs
ECC Group PLC	Jefferson, Washington
Engelhard Corp.	Wilkinson
Evans Clay Co.	Wilkinson
A. P. Green Industries Inc.	Twiggs
J. M. Huber Corp.	Twiggs, Warren
Kentucky-Tennessee Clay Co.	Washington
M & M Clay Co.	Wilkinson
Nord Kaolin Co.	Twiggs
Sam Hall and Sons	Twiggs
Thiele Kaolin Co.	Warren, Washington
Wilkinson Kaolin Associates Ltd.	Twiggs
Idaho	
A. P. Green Industries Inc.	Latah
Minnesota	
Ochs Brick & Tile Co.	Redwood
Nevada	
Centex Corp.	Washoe
North Carolina	
KMG Minerals Inc.	Cleveland
Unimin Corp.	Avery
Pennsylvania	
Navron Products Inc.	Lancaster
South Carolina	
Dixie Clay Co.	Aiken
W.R. Grace and Co.	Aiken
Kentucky-Tennessee Clay Co.	Aiken
Palmetto Brick Co.	Kershaw
Richtex Corp.	Lexington, Richland
Tennessee	
H. C. Spinks Co. Inc.	Henry
Texas	
U.S. Silica Co.	Limestone